

21. A method of supplying auxiliary power to a primary engine, comprising the steps of:

- (A) providing a secondary engine coupled to an electrical generator;
- (B) providing a controller having
 - (i) a primary engine idle timer; and
 - (ii) a plurality of selectable control modes;
- (C) monitoring the operating condition of such primary engine;
- (D) automatically shutting down such primary engine following idling of such primary engine for a predetermined period of time; and
- (E) operating such secondary engine in response to a predetermined condition of such primary engine.

22. Method of supplying auxiliary power to a primary engine of Claim 21, wherein such predetermined condition of such primary engine is selected from the group consisting of:

- (i) if such controller is selected to a first mode,
 - (a) starting such secondary engine in response to a first selected coolant temperature or lube-oil temperature; and
 - (b) shutting down such secondary engine in response to a second selected coolant temperature or lube-oil temperature;
- (ii) if such controller is selected to a second mode,
 - (a) enabling manual control of such secondary engine;
 - (b) starting such secondary engine in response to a first selected coolant temperature or lube-oil temperature; and
 - (c) shutting down such secondary engine in response to a second selected coolant temperature or lube-oil temperature; and
- (iii) if such controller is selected to a third mode,
 - (a) enabling manual control of such secondary engine.